NTSE 2015 (Stage-1) Analysis



NTSE 2015 (Stage-1): A Detailed Analysis by Resonance PCCP

The National Talent Search Examination (NTSE) is a national level scholarship program in India to Identify and Nurture talented students. NTSE Stage -1 has been conducted on 2nd November, 2014. This year students of class-X were eligible for this exam. Almost 193 students will be selected for Stage-2 from Gujrat and similarly all students selected from different states and union territories will appear in Stage-2 going to be held on 10th May 2015. Almost 3500 students will appear for final stage and 1000 students will be awarded NTSE Scholarship of ₹ 1250 per month till post graduation.

It was conducted in three part

- 1. Mental Ability Test
- 2. Language Comprehensive Test (English or Hindi)
- 3. Scholastic Aptitude Test

Timing: 11:00 AM to 02:00 PM

Overall Marks Distribution of NTSE Stage-I 2014 State : GUJARAT				
Subjects	No. of Questions	Marks allocation		
Physics	12	12		
Chemistry	11	11		
Biology	12	12		
Social Science	35	35		
Mathematics	20	20		
Mental Ability	50	50		
Language Test	40	40		
Total	180	180		

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Overall Difficulty Level Analysis

In this analysis we have rated every question on a scale of 1 to 5. The ratings are done by expert faculty of Resonance.

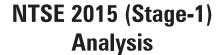
1: Very Easy 2. Easy 3. Moderate 4. Difficult 5. Very Difficult

Subject	Difficulty Level Analysis
Physics	2
Chemistry	2
Biology	2
Social Science	3
Mathematics	2
Mental Ability	3
Language	2

Difficulty Level Analysis : No of Questions

Subject	Very Easy	Easy	Moderate	Difficult	Very difficult	Total	REMARK
Physics	7	3	2			12	
Chemistry	4	5	2			11	
Biology	4	3	3	2		12	
Social Science	6	11	13	3	2	35	
Mathematics	10	7	3			20	
Mental Ability	15	10	14	4		43	7 QUESTION BONUS
Language	15	15	7	3		40	
Total	61	54	44	12	2	173	

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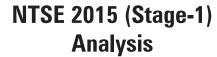




Physics Analysis

Topic wise Allocation of Marks					
Subject / Topic	No. of Questions Total Marks Weightage in %				
Motion	5	5	41.7		
Force Laws of Motion & WEP	7	7	58.3		
Grand Total			100.0		

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Chemistry Analysis

Topic wise Allocation of Marks				
Subject / Topic	No. of Questions	Total Marks	Weightage in %	
Structure of Atom	1	1	9.1	
Mole concept	2	2	18.2	
Periodic Table	1	1	9.1	
Matter	7	7	63.6	
Grand Total			100.0	

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Biology Analysis

Subject / Topic	No. of Questions	Total Marks	Weightage in %	Remark
Life Processes	5	5	41.7	one question bonus
Plant Morphology	2	2	16.7	
Reproduction	1	1	8.3	
Cell Biology	1	1	8.3	
Animal Tissue	1	1	8.3	
Plant Anatomy	1	1	8.3	
Grand Total			100.0	

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Mathematics Analysis

Topic wise Allocation of Marks				
Subject / Topic	No. of Questions	Total Marks	Weightage in %	
Number System	9	9	45.0	
simple and compound interest	2	2	10.0	
Surface Area & Volume	6	6	30.0	
Profit and loss	1	1	5.0	
Ratio Propotion	1	1	5.0	
Arithmatic Progression	1	1	5.0	
Grand Total			100.0	

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Mental Ability Analysis

Topic wise Allocation of Marks				
Subject / Topic	No. of Questions	Total Marks	Weightage in %	
Number Series	10	10	20.0	
Letter Repeating Series	10	10	20.0	
Missing term in figure	5	5	10.0	
Mathematical operations	1	1	2.0	
Blood Relation	1	1	2.0	
Ranking & Odering- Test	1	1	2.0	
Venn Diagram	5	5	10.0	
Logical sequencing	1	1	2.0	
Calendar	1	1	2.0	
compound interest	1	1	2.0	
alphabet series	10	10	20.0	
direction	2	2	4.0	
clock	2	2	4.0	
Grand Total	50	50	100.0	

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